

## WEST Search History

[Hide Items](#)
[Restore](#)
[Clear](#)
[Cancel](#)

DATE: Friday, September 22, 2006

Hide?	<u>Set</u> <u>Name</u>	<u>Query</u>	<u>Hit</u> <u>Count</u>
		<i>DB=USPT,PGPB; PLUR=YES; OP=ADJ</i>	
<input type="checkbox"/>	L42	('20050122113' '20050264292')![pn]	2
		<i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=ADJ</i>	
<input type="checkbox"/>	L41	L40 and (fetzner)	3
<input type="checkbox"/>	L40	okamoto.in.	59921
<input type="checkbox"/>	L39	L37 and (mamography or breast or mammography)	0
<input type="checkbox"/>	L38	L37 and l2	12
<input type="checkbox"/>	L37	L36 and l1	63
<input type="checkbox"/>	L36	doddrell.in.	63
<input type="checkbox"/>	L35	L33 and (fetzner)	1
<input type="checkbox"/>	L34	L33 and l22	0
<input type="checkbox"/>	L33	visser.in.	2395
<input type="checkbox"/>	L32	L31 and ((combin\$4 or combination or composite or add or adding or added or sum or summed or summing or connect\$4 or link\$4 or bridg\$3 or join\$4) same (imag\$4 or conduct\$4))	41
<input type="checkbox"/>	L31	L30 and (cylind\$2 or cylindrical\$2 or tube or tubular\$2 or tunnel or cavity)	43
<input type="checkbox"/>	L30	L29 and (combin\$4 or combination or composite or add or adding or added or sum or summed or summing or connect\$4 or link\$4 or bridg\$3 or join\$4)	70
<input type="checkbox"/>	L29	L28 and (channel\$3 or "line" or port or band)	70
<input type="checkbox"/>	L28	L27 and (sid\$4)	70
<input type="checkbox"/>	L27	L26 and l16	102
<input type="checkbox"/>	L26	L25 and (separat\$3 or individual\$2 or independent\$2 or respectiv\$3)	541
<input type="checkbox"/>	L25	L24 and ((coil or antenna or winding or probe or conduct\$3) same (opposit\$3 or opposing or opposed or perpendicular\$3 or orthogonal\$4 or diametric\$4 or diameter))	561
<input type="checkbox"/>	L24	L23 and ((plurality or group or "set" or multiple or "multi" or array or unit or pair\$3 or duo or duel or dual) same (opposit\$3 or opposing or opposed or perpendicular\$3 or orthogonal\$4 or diametric\$4 or diameter))	592
<input type="checkbox"/>	L23	L22 and (opposit\$3 or opposing or opposed or perpendicular\$3 or orthogonal\$4 or diametric\$4 or diameter)	634
<input type="checkbox"/>	L22	L21 and (rf or radiofrequency or radio-frequency or "radio frequency")	711
<input type="checkbox"/>	L21	L20 and ((plurality or group or "set" or multiple or "multi" or array or unit or pair\$3 or duo or duel or dual) with (coil or antenna or winding or probe))	1762
<input type="checkbox"/>	L20	L19 and (coil or antenna or winding or probe)	3068

<input type="checkbox"/>	L19	L18 and (plurality or group or "set" or multiple or "multi" or array or unit or pair\$3 or duo or duel or dual)	4238
<input type="checkbox"/>	L18	L2 and ((switch\$4) same ((parallel with imag\$4) or "PI"))	4389
<input type="checkbox"/>	L17	L16 and l5	2
<input type="checkbox"/>	L16	((324/300-322.ccls.) or (600/407-435.ccls.))	16888
<input type="checkbox"/>	L15	L14 and (rf or radiofrequency or radio-frequency or "radio frequency")	36
<input type="checkbox"/>	L14	L13 and (opposit\$3 or opposing or opposed or perpendicular\$3 or orthogonal\$4 or diametric\$4 or diameter)	86
<input type="checkbox"/>	L13	L12 and (channel\$3 or "line" or port or band)	97
<input type="checkbox"/>	L12	L11 and (combin\$4 or combination or composite or add or adding or added or sum or summed or summing or connect\$4 or link\$4 or bridg\$3 or join\$4)	100
<input type="checkbox"/>	L11	L10 and ((plurality or group or "set" or multiple or "multi" or array or unit or pair\$3 or duo or duel or dual) with (coil or antenna or winding or probe))	100
<input type="checkbox"/>	L10	L9 and (coil or antenna or winding or probe)	145
<input type="checkbox"/>	L9	L5 and (plurality or group or "set" or multiple or "multi" or array or unit or pair\$3 or duo or duel or dual)	168
<input type="checkbox"/>	L8	L7 and ((plurality or group or "set" or multiple or "multi" or array or unit)with (coil or antenna or winding or probe))	96
<input type="checkbox"/>	L7	L6 and (coil or antenna or winding or probe)	145
<input type="checkbox"/>	L6	L5 and (plurality or group or "set" or multiple or "multi" or array or unit)	168
<input type="checkbox"/>	L5	L4 and ((rotary with switch\$4) same ((parallel with imag\$4) or "PI"))	171
<input type="checkbox"/>	L4	L2 and (rotary with switch\$4)	510
<input type="checkbox"/>	L3	L2 and (rotary with switch\$5)	508
<input type="checkbox"/>	L2	L1 and ((parallel with imag\$4) or "PI")	55189
<input type="checkbox"/>	L1	((magnetic adj resonan\$2) or MRI or NMR or ESR or NQR or QR or quadrupole or (resonan\$2 with (imag\$3 or spin or electron or electric)))	337922

END OF SEARCH HISTORY

## Hit List

First Hit

Clear

Generate Collection

Print

Fwd Refs

Bkwd Refs

Generate OACS

### Search Results - Record(s) 1 through 36 of 36 returned.

☒ 1. Document ID: US 20060119358 A1

L15: Entry 1 of 36

File: PGPB

Jun 8, 2006

PGPUB-DOCUMENT-NUMBER: 20060119358

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20060119358 A1

TITLE: Coil array for magnetic resonance imaging

PUBLICATION-DATE: June 8, 2006

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Doddrell; David Michael	Westlake		AU
Crozier; Stuart	Wilston		AU
Luescher; Kurt	Indooroopilly		AU
Roffman; Wolfgang Udo	Mount Gravatt East		AU

US-CL-CURRENT: 324/318; 324/322

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. D.
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	--------	------	----------

☐ 2. Document ID: US 3440617 A

L15: Entry 2 of 36

File: USOC

Apr 22, 1969

US-PAT-NO: 3440617

DOCUMENT-IDENTIFIER: US 3440617 A

TITLE: SIGNAL RESPONSIVE SYSTEMS

DATE-ISSUED: April 22, 1969

INVENTOR-NAME: LESTI ARNOLD

US-CL-CURRENT: 382/224; 704/251, 708/1, 708/4

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. D.
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	--------	------	----------

☐ 3. Document ID: US 3106880 A

L15: Entry 3 of 36

File: USOC

Oct 15, 1963

US-PAT-NO: 3106880

DOCUMENT-IDENTIFIER: US 3106880 A

TITLE: Typographical photocomposing machine

DATE-ISSUED: October 15, 1963

INVENTOR-NAME: LOUIS ROSSETTO; SQUASSONI GINO F ; GRUBE WOLFANG O

US-CL-CURRENT: 396/551

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw D
------	-------	----------	-------	--------	----------------	------	-----------	--------	------	--------

☐ 4. Document ID: US 3020469 A

L15: Entry 4 of 36

File: USOC

Feb 6, 1962

US-PAT-NO: 3020469

DOCUMENT-IDENTIFIER: US 3020469 A

TITLE: Borehole logging method and apparatus

DATE-ISSUED: February 6, 1962

INVENTOR-NAME: O'REILLY DONALD E

US-CL-CURRENT: 324/303; 324/221

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw D
------	-------	----------	-------	--------	----------------	------	-----------	--------	------	--------

☐ 5. Document ID: US 2877311 A

L15: Entry 5 of 36

File: USOC

Mar 10, 1959

US-PAT-NO: 2877311

DOCUMENT-IDENTIFIER: US 2877311 A

TITLE: Automatic subscriber identification system

DATE-ISSUED: March 10, 1959

INVENTOR-NAME: MORRIS FRANK A; CLEMENT MILTON A

US-CL-CURRENT: 379/183

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw D
------	-------	----------	-------	--------	----------------	------	-----------	--------	------	--------

☐ 6. Document ID: US 2857469 A

L15: Entry 6 of 36

File: USOC

Oct 21, 1958

US-PAT-NO: 2857469

DOCUMENT-IDENTIFIER: US 2857469 A

TITLE: Identification sender

DATE-ISSUED: October 21, 1958

INVENTOR-NAME: HARRIS BEN A

US-CL-CURRENT: 379/287

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	WAC	Draw D.
------	-------	----------	-------	--------	----------------	------	-----------	--	--	--------	-----	---------

☐ 7. Document ID: US 2812427 A

L15: Entry 7 of 36

File: USOC

Nov 5, 1957

US-PAT-NO: 2812427

DOCUMENT-IDENTIFIER: US 2812427 A

TITLE: Passive radio communication system

DATE-ISSUED: November 5, 1957

INVENTOR-NAME: LEO MAGONDEAUX

US-CL-CURRENT: 342/50; 128/903, 340/870.28, 342/60, 455/19, 455/69

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	WAC	Draw D.
------	-------	----------	-------	--------	----------------	------	-----------	--	--	--------	-----	---------

☐ 8. Document ID: US 2748197 A

L15: Entry 8 of 36

File: USOC

May 29, 1956

US-PAT-NO: 2748197

DOCUMENT-IDENTIFIER: US 2748197 A

TITLE: Telephone systems

DATE-ISSUED: May 29, 1956

INVENTOR-NAME: OSTLINE JOHN E

US-CL-CURRENT: 379/32.02; 379/239, 379/288, 379/289

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	WAC	Draw D.
------	-------	----------	-------	--------	----------------	------	-----------	--	--	--------	-----	---------

☐ 9. Document ID: US 2740836 A

L15: Entry 9 of 36

File: USOC

Apr 3, 1956

US-PAT-NO: 2740836

DOCUMENT-IDENTIFIER: US 2740836 A

TITLE: Toll ticketing telephone systems

DATE-ISSUED: April 3, 1956

INVENTOR-NAME: OSTLINE JOHN E

US-CL-CURRENT: 379/119; 379/117

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw D
------	-------	----------	-------	--------	----------------	------	-----------	--	--	--------	-----	--------

☐ 10. Document ID: US 2678356 A

L15: Entry 10 of 36

File: USOC

May 11, 1954

US-PAT-NO: 2678356

DOCUMENT-IDENTIFIER: US 2678356 A

TITLE: Toll switching telephone system

DATE-ISSUED: May 11, 1954

INVENTOR-NAME: JOHN WICKS

US-CL-CURRENT: 379/224; 379/227

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw D
------	-------	----------	-------	--------	----------------	------	-----------	--	--	--------	-----	--------

☐ 11. Document ID: US 2674656 A

L15: Entry 11 of 36

File: USOC

Apr 6, 1954

US-PAT-NO: 2674656

DOCUMENT-IDENTIFIER: US 2674656 A

TITLE: OCR SCANNED DOCUMENT

DATE-ISSUED: April 6, 1954

INVENTOR-NAME: Name not available

US-CL-CURRENT: 379/116; 379/247, 379/296

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw D
------	-------	----------	-------	--------	----------------	------	-----------	--	--	--------	-----	--------

---

☐ 12. Document ID: US 2660511 A

L15: Entry 12 of 36

File: USOC

Nov 24, 1953

US-PAT-NO: 2660511

DOCUMENT-IDENTIFIER: US 2660511 A

TITLE: Lockout and recycling device for an apparatus for determining the listening habits of wave signal receiver users

DATE-ISSUED: November 24, 1953

INVENTOR-NAME: SCHERBATSKOY SERGE A; FREEMAN ROBERT L

US-CL-CURRENT: 346/37, 340/10.6, 455/2.01, 725/15

---

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw. D
------	-------	----------	-------	--------	----------------	------	-----------	--	--	--------	-----	---------

---

☐ 13. Document ID: US 2631195 A

L15: Entry 13 of 36

File: USOC

Mar 10, 1953

US-PAT-NO: 2631195

DOCUMENT-IDENTIFIER: US 2631195 A

TITLE: Toll switching system

DATE-ISSUED: March 10, 1953

INVENTOR-NAME: OSTLINE JOHN E

US-CL-CURRENT: 379/221.01; 379/223, 379/239

---

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw. D
------	-------	----------	-------	--------	----------------	------	-----------	--	--	--------	-----	---------

---

☐ 14. Document ID: US 2628282 A

L15: Entry 14 of 36

File: USOC

Feb 10, 1953

US-PAT-NO: 2628282

DOCUMENT-IDENTIFIER: US 2628282 A

TITLE: Telephone system

DATE-ISSUED: February 10, 1953

INVENTOR-NAME: OSTLINE JOHN E

US-CL-CURRENT: 379/239

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	WAC	Drawings
------	-------	----------	-------	--------	----------------	------	-----------	--	--	--------	-----	----------

☐ 15. Document ID: US 2621258 A

L15: Entry 15 of 36

File: USOC

Dec 9, 1952

US-PAT-NO: 2621258

DOCUMENT-IDENTIFIER: US 2621258 A

TITLE: Toll switching telephone system

DATE-ISSUED: December 9, 1952

INVENTOR-NAME: BALZER HARVEY W

US-CL-CURRENT: 379/223; 379/240

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	WAC	Drawings
------	-------	----------	-------	--------	----------------	------	-----------	--	--	--------	-----	----------

☐ 16. Document ID: US 2603712 A

L15: Entry 16 of 36

File: USOC

Jul 15, 1952

US-PAT-NO: 2603712

DOCUMENT-IDENTIFIER: US 2603712 A

TITLE: Party line identification in automatic telephony

DATE-ISSUED: July 15, 1952

INVENTOR-NAME: OSTLINE JOHN E

US-CL-CURRENT: 379/115.01

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	WAC	Drawings
------	-------	----------	-------	--------	----------------	------	-----------	--	--	--------	-----	----------

☐ 17. Document ID: US 2597209 A

L15: Entry 17 of 36

File: USOC

May 20, 1952

US-PAT-NO: 2597209

DOCUMENT-IDENTIFIER: US 2597209 A

TITLE: Telephone system

DATE-ISSUED: May 20, 1952

INVENTOR-NAME: WALSH THOMAS G

US-CL-CURRENT: 379/288; 379/289



Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw D.
------	-------	----------	-------	--------	----------------	------	-----------	--	--	--------	-----	---------

☐ 18. Document ID: US 2584176 A

L15: Entry 18 of 36

File: USOC

Feb 5, 1952

US-PAT-NO: 2584176

DOCUMENT-IDENTIFIER: US 2584176 A

TITLE: Television tuner

DATE-ISSUED: February 5, 1952

INVENTOR-NAME: WINGERT RAYMOND R

US-CL-CURRENT: 336/138; 334/56, 336/144, 336/150

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw D.
------	-------	----------	-------	--------	----------------	------	-----------	--	--	--------	-----	---------

☐ 19. Document ID: US 2581287 A

L15: Entry 19 of 36

File: USOC

Jan 1, 1952

US-PAT-NO: 2581287

DOCUMENT-IDENTIFIER: US 2581287 A

TITLE: Automatic charge-recording telephone system

DATE-ISSUED: January 1, 1952

INVENTOR-NAME: OSTLINE JOHN E

US-CL-CURRENT: 379/116; 379/120

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw D.
------	-------	----------	-------	--------	----------------	------	-----------	--	--	--------	-----	---------

☐ 20. Document ID: US 2535511 A

L15: Entry 20 of 36

File: USOC

Dec 26, 1950

US-PAT-NO: 2535511

DOCUMENT-IDENTIFIER: US 2535511 A

TITLE: Telephone system

DATE-ISSUED: December 26, 1950

INVENTOR-NAME: OSTLINE JOHN E

US-CL-CURRENT: 379/32.01; 379/220.01, 379/243, 379/260

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	FIGS	Drawings
------	-------	----------	-------	--------	----------------	------	-----------	--	--	--------	------	----------

☐ 21. Document ID: US 2535509 A

L15: Entry 21 of 36

File: USOC

Dec 26, 1950

US-PAT-NO: 2535509

DOCUMENT-IDENTIFIER: US 2535509 A

TITLE: Party identification in automatic telephony

DATE-ISSUED: December 26, 1950

INVENTOR-NAME: OSTLINE JOHN E

US-CL-CURRENT: 379/118; 379/116

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	FIGS	Drawings
------	-------	----------	-------	--------	----------------	------	-----------	--	--	--------	------	----------

☐ 22. Document ID: US 2474438 A

L15: Entry 22 of 36

File: USOC

Jun 28, 1949

US-PAT-NO: 2474438

DOCUMENT-IDENTIFIER: US 2474438 A

TITLE: Communication and posting system

DATE-ISSUED: June 28, 1949

INVENTOR-NAME: SCHMIDT EDWIN L

US-CL-CURRENT: 340/989; 178/2R

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	FIGS	Drawings
------	-------	----------	-------	--------	----------------	------	-----------	--	--	--------	------	----------

☐ 23. Document ID: US 2430447 A

L15: Entry 23 of 36

File: USOC

Nov 11, 1947

US-PAT-NO: 2430447

DOCUMENT-IDENTIFIER: US 2430447 A

TITLE: Printing telegraph automatic switching system

DATE-ISSUED: November 11, 1947

INVENTOR-NAME: BRANSON DAVID E; KINKEAD RITA S ; KRECEK JOSEPH A ; LOCKE GEORGE A

US-CL-CURRENT: 178/4

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	IMC	Draw D
------	-------	----------	-------	--------	----------------	------	-----------	--	--	--------	-----	--------

☐ 24. Document ID: US 2391469 A

L15: Entry 24 of 36

File: USOC

Dec 25, 1945

US-PAT-NO: 2391469

DOCUMENT-IDENTIFIER: US 2391469 A

TITLE: Communication and posting system

DATE-ISSUED: December 25, 1945

INVENTOR-NAME: MARSHALL JOSEPH C; MAY HAROLD F

US-CL-CURRENT: 340/994, 340/989

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	IMC	Draw D
------	-------	----------	-------	--------	----------------	------	-----------	--	--	--------	-----	--------

☐ 25. Document ID: US 2353212 A

L15: Entry 25 of 36

File: USOC

Jul 11, 1944

US-PAT-NO: 2353212

DOCUMENT-IDENTIFIER: US 2353212 A

TITLE: OCR SCANNED DOCUMENT

DATE-ISSUED: July 11, 1944

INVENTOR-NAME: Name not available

US-CL-CURRENT: 379/224

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	IMC	Draw D
------	-------	----------	-------	--------	----------------	------	-----------	--	--	--------	-----	--------

☐ 26. Document ID: US 2339709 A

L15: Entry 26 of 36

File: USOC

Jan 18, 1944

US-PAT-NO: 2339709

DOCUMENT-IDENTIFIER: US 2339709 A

TITLE: OCR SCANNED DOCUMENT

DATE-ISSUED: January 18, 1944

INVENTOR-NAME: Name not available

US-CL-CURRENT: 379/239; 379/240

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	WMC	Draw D
------	-------	----------	-------	--------	----------------	------	-----------	--	--	--------	-----	--------

☐ 27. Document ID: US 2331013 A

L15: Entry 27 of 36

File: USOC

Oct 5, 1943

US-PAT-NO: 2331013

DOCUMENT-IDENTIFIER: US 2331013 A

TITLE: Telephone system

DATE-ISSUED: October 5, 1943

INVENTOR-NAME: BALZER HARVEY W

US-CL-CURRENT: 379/115.01; 379/238

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	WMC	Draw D
------	-------	----------	-------	--------	----------------	------	-----------	--	--	--------	-----	--------

☐ 28. Document ID: US 2264052 A

L15: Entry 28 of 36

File: USOC

Nov 25, 1941

US-PAT-NO: 2264052

DOCUMENT-IDENTIFIER: US 2264052 A

TITLE: Automatic quotation system

DATE-ISSUED: November 25, 1941

INVENTOR-NAME: QUINBY WILLIAM F

US-CL-CURRENT: 340/825.27; 178/4, 340/10.6

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	WMC	Draw D
------	-------	----------	-------	--------	----------------	------	-----------	--	--	--------	-----	--------

☐ 29. Document ID: US 1789677 A

L15: Entry 29 of 36

File: USOC

Jan 20, 1931

US-PAT-NO: 1789677

DOCUMENT-IDENTIFIER: US 1789677 A

TITLE: Telephone system

DATE-ISSUED: January 20, 1931

INVENTOR-NAME: FRIENDLY HERBERT M

US-CL-CURRENT: 379/195; 379/212.01, 379/265.02

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	WMC	Draw. D.
------	-------	----------	-------	--------	----------------	------	-----------	--	--	--------	-----	----------

☐ 30. Document ID: US 1765619 A

L15: Entry 30 of 36

File: USOC

Jun 24, 1930

US-PAT-NO: 1765619

DOCUMENT-IDENTIFIER: US 1765619 A

TITLE: Party-line telephone system

DATE-ISSUED: June 24, 1930

INVENTOR-NAME: SAUNDERS NORMAN H

US-CL-CURRENT: 379/178; 379/179, 379/254

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	WMC	Draw. D.
------	-------	----------	-------	--------	----------------	------	-----------	--	--	--------	-----	----------

☐ 31. Document ID: US 1736259 A

L15: Entry 31 of 36

File: USOC

Nov 19, 1929

US-PAT-NO: 1736259

DOCUMENT-IDENTIFIER: US 1736259 A

TITLE: OCR SCANNED DOCUMENT

DATE-ISSUED: November 19, 1929

INVENTOR-NAME: Name not available

US-CL-CURRENT: 379/336; 379/300, 379/304, 379/337, 379/352

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	WMC	Draw. D.
------	-------	----------	-------	--------	----------------	------	-----------	--	--	--------	-----	----------

☐ 32. Document ID: US 1628359 A

L15: Entry 32 of 36

File: USOC

May 10, 1927

US-PAT-NO: 1628359

DOCUMENT-IDENTIFIER: US 1628359 A

TITLE: Automatic telephone system

DATE-ISSUED: May 10, 1927

INVENTOR-NAME: FRIENDLY HERBERT M

US-CL-CURRENT: 379/227; 379/236

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	MM	Draw D
------	-------	----------	-------	--------	----------------	------	-----------	--	--	--------	----	--------

☐ 33. Document ID: US 1627844 A

L15: Entry 33 of 36

File: USOC

May 10, 1927

US-PAT-NO: 1627844

DOCUMENT-IDENTIFIER: US 1627844 A

TITLE: Automatic telephone system

DATE-ISSUED: May 10, 1927

INVENTOR-NAME: FRIENDLY HERBERT M

US-CL-CURRENT: 379/406.01; 379/212.01, 379/262

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	MM	Draw D
------	-------	----------	-------	--------	----------------	------	-----------	--	--	--------	----	--------

☐ 34. Document ID: US 1621470 A

L15: Entry 34 of 36

File: USOC

Mar 15, 1927

US-PAT-NO: 1621470

DOCUMENT-IDENTIFIER: US 1621470 A

TITLE: OCR SCANNED DOCUMENT

DATE-ISSUED: March 15, 1927

INVENTOR-NAME: Name not available

US-CL-CURRENT: 53/77; 141/101, 141/104, 141/105, 141/155, 198/468.2, 198/803.16,  
53/270, 53/368

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	MM	Draw D
------	-------	----------	-------	--------	----------------	------	-----------	--	--	--------	----	--------

☐ 35. Document ID: US 1474008 A

L15: Entry 35 of 36

File: USOC

Nov 13, 1923

US-PAT-NO: 1474008

DOCUMENT-IDENTIFIER: US 1474008 A

TITLE: Machine-switching telephone-exchange system

DATE-ISSUED: November 13, 1923

INVENTOR-NAME: RAY STOKELY

US-CL-CURRENT: 379/267

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw D.
------	-------	----------	-------	--------	----------------	------	-----------	--------	------	---------

☐ 36. Document ID: US 1330046 A

L15: Entry 36 of 36

File: USOC

Feb 3, 1920

US-PAT-NO: 1330046

DOCUMENT-IDENTIFIER: US 1330046 A

TITLE: OCR SCANNED DOCUMENT

DATE-ISSUED: February 3, 1920

INVENTOR-NAME: Name not available

US-CL-CURRENT: 379/252; 379/295, 379/302, 379/303, 379/324, 379/333

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw D.
------	-------	----------	-------	--------	----------------	------	-----------	--------	------	---------

Clear	Generate Collection	Print	Fwd Refs	Bkwd Refs	Generate OACS
-------	---------------------	-------	----------	-----------	---------------

Term	Documents
RF	364364
RFS	2460
RADIOFREQUENCY	12964
RADIOFREQUENCIES	256
RADIOFREQUENCYS	0
RADIO-FREQUENCY	31594
RADIO-FREQUENCIES	332
RADIO-FREQUENCYS	0
"RADIO FREQUENCY"	0
(14 AND (RADIOFREQUENCY OR RADIO-FREQUENCY OR RF OR "RADIO FREQUENCY")) . PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD.	36
(L14 AND (RF OR RADIOFREQUENCY OR RADIO-FREQUENCY OR "RADIO FREQUENCY")) . PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD.	36

## Hit List

[First Hit](#)[Clear](#)[Generate Collection](#)[Print](#)[Fwd Refs](#)[Bkwd Refs](#)[Generate OACS](#)

Search Results - Record(s) 1 through 2 of 2 returned.

☐ 1. Document ID: US 20060119358 A1

L17: Entry 1 of 2

File: PGPB

Jun 8, 2006

PGPUB-DOCUMENT-NUMBER: 20060119358

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20060119358 A1

TITLE: Coil array for magnetic resonance imaging

PUBLICATION-DATE: June 8, 2006

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Doddrell; David Michael	Westlake		AU
Crozier; Stuart	Wilston		AU
Luescher; Kurt	Indooroopilly		AU
Roffman; Wolfgang Udo	Mount Gravatt East		AU

US-CL-CURRENT: [324/318](#); [324/322](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw D.
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	--------	------	---------

☐ 2. Document ID: US 3020469 A

L17: Entry 2 of 2

File: USOC

Feb 6, 1962

US-PAT-NO: 3020469

DOCUMENT-IDENTIFIER: US 3020469 A

TITLE: Borehole logging method and apparatus

DATE-ISSUED: February 6, 1962

INVENTOR-NAME: O'REILLY DONALD E

US-CL-CURRENT: [324/303](#); [324/221](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw D.
------	-------	----------	-------	--------	----------------	------	-----------	--	--	--------	------	---------

[Clear](#)[Generate Collection](#)[Print](#)[Fwd Refs](#)[Bkwd Refs](#)[Generate OACS](#)



Term	Documents
(5 AND 16) .PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD.	2
(L16 AND L5 ) .PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD.	2

**Display Format:**

[Previous Page](#)

[Next Page](#)

[Go to Doc#](#)

## Hit List

[First Hit](#)[Clear](#)[Generate Collection](#)[Print](#)[Fwd Refs](#)[Bkwd Refs](#)[Generate OACS](#)

Search Results - Record(s) 1 through 41 of 41 returned.

☐ 1. Document ID: US 20060176054 A1

L32: Entry 1 of 41

File: PGPB

Aug 10, 2006

PGPUB-DOCUMENT-NUMBER: 20060176054

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20060176054 A1

TITLE: SQUID Detected NRM and MRI at Ultralow Fields

PUBLICATION-DATE: August 10, 2006

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Clarke; John	Berkeley	CA	US
McDermott; Robert	Louisville	CO	US
Pines; Alexander	Berkeley	CA	US
Trabesinger; Andreas Heinz	Zurich		CH

US-CL-CURRENT: 324/300; 324/318

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWC	Draw. Data
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	--------	-----	------------

☐ 2. Document ID: US 20060119358 A1

L32: Entry 2 of 41

File: PGPB

Jun 8, 2006

PGPUB-DOCUMENT-NUMBER: 20060119358

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20060119358 A1

TITLE: Coil array for magnetic resonance imaging

PUBLICATION-DATE: June 8, 2006

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Doddrell; David Michael	Westlake		AU
Crozier; Stuart	Wilston		AU
Luescher; Kurt	Indooroopilly		AU
Roffman; Wolfgang Udo	Mount Gravatt East		AU

US-CL-CURRENT: 324/318; 324/322

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	MMIC	Draw D.
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	--------	------	---------

☐ 3. Document ID: US 20060091881 A1

L32: Entry 3 of 41

File: PGPB

May 4, 2006

PGPUB-DOCUMENT-NUMBER: 20060091881

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20060091881 A1

TITLE: NMR and MRI apparatus and method

PUBLICATION-DATE: May 4, 2006

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Clarke; John	Berkeley	CA	US
Kelso; Nathan	Albany	CA	US
Lee; SeungKyun	Berkeley	CA	US
Moessle; Michael	Berkeley	CA	US
Myers; Whittier	Berkeley	CA	US
McDermott; Robert	Santa Barbara	CA	US
Haken; Bernard ten	Enschede	CA	NL
Pines; Alexander	Berkeley		US
Trabesinger; Andreas	Zurich		CH

US-CL-CURRENT: 324/301

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	MMIC	Draw D.
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	--------	------	---------

☐ 4. Document ID: US 20060087320 A1

L32: Entry 4 of 41

File: PGPB

Apr 27, 2006

PGPUB-DOCUMENT-NUMBER: 20060087320

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20060087320 A1

TITLE: Parallel MR imaging with use of multi-coil made of plural element coils

PUBLICATION-DATE: April 27, 2006

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Machida; Yoshio	Tochigi-Ken		JP
Hamamura; Yoshinori	Otawara-Shi		JP
Kassai; Yoshimori	Tochigi-Ken		JP

Okamoto; Kazuya  
Soma; Kazuhiro

Saitama-Shi  
Otagawa-Shi

JP  
JP

US-CL-CURRENT: 324/322

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw D
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	--------	-----	--------

☐ 5. Document ID: US 20060074295 A1

L32: Entry 5 of 41

File: PGPB

Apr 6, 2006

PGPUB-DOCUMENT-NUMBER: 20060074295  
PGPUB-FILING-TYPE:  
DOCUMENT-IDENTIFIER: US 20060074295 A1

TITLE: Combined MR coil technology in medical devices

PUBLICATION-DATE: April 6, 2006

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Kucharczyk; John	Bishop	GA	US
Bronskill; Michael John	Toronto		CA

US-CL-CURRENT: 600/422

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw D
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	--------	-----	--------

☐ 6. Document ID: US 20060033497 A1

L32: Entry 6 of 41

File: PGPB

Feb 16, 2006

PGPUB-DOCUMENT-NUMBER: 20060033497  
PGPUB-FILING-TYPE:  
DOCUMENT-IDENTIFIER: US 20060033497 A1

TITLE: Degenerate birdcage coil and transmit/receive apparatus and method for same

PUBLICATION-DATE: February 16, 2006

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Chmielewski; Thomas	Willoughby Hills	OH	US
Flock; James A.	Euclid	OH	US
Eagan; Timothy	Cleveland	OH	US

US-CL-CURRENT: 324/318; 324/322

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw D
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	--------	-----	--------

☐ 7. Document ID: US 20050231200 A1

L32: Entry 7 of 41

File: PGPB

Oct 20, 2005

PGPUB-DOCUMENT-NUMBER: 20050231200  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20050231200 A1

TITLE: SHIELDED TEM SURFACE ARRAY FOR PARALLEL IMAGING

PUBLICATION-DATE: October 20, 2005

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Tropp, James S.	Berkeley	CA	US
Sodickson, M.D., Daniel K.	Newton	MA	US
Ohliger, Michael A.	Cambridge	MA	US

US-CL-CURRENT: 324/318

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	WMC	Draw D
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	--------	-----	--------

☐ 8. Document ID: US 20050134262 A1

L32: Entry 8 of 41

File: PGPB

Jun 23, 2005

PGPUB-DOCUMENT-NUMBER: 20050134262  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20050134262 A1

TITLE: Squid detected NMR and MRI at ultralow fields

PUBLICATION-DATE: June 23, 2005

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Clarke, John	Berkeley	CA	US
McDermott, Robert	Louisville	CO	US
Pines, Alexander	Berkeley	CA	US
Trabesinger, Andreas Heinz	Zurich		CH

US-CL-CURRENT: 324/301; 324/307, 324/321

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	WMC	Draw D
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	--------	-----	--------

☐ 9. Document ID: US 20050099179 A1

L32: Entry 9 of 41

File: PGPB

May 12, 2005

PGPUB-DOCUMENT-NUMBER: 20050099179  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20050099179 A1

TITLE: Parallel imaging compatible birdcage resonator

PUBLICATION-DATE: May 12, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Monski, William J. JR.	Sewickley	PA	US
Alradady, Fahad	Glenshaw	PA	US
Misic, George J.	Allison Park	PA	US

US-CL-CURRENT: 324/318

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw D.
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	--------	-----	---------

☐ 10. Document ID: US 20040155652 A1

L32: Entry 10 of 41

File: PGPB

Aug 12, 2004

PGPUB-DOCUMENT-NUMBER: 20040155652  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20040155652 A1

TITLE: Parallel magnetic resonance imaging techniques using radiofrequency coil arrays

PUBLICATION-DATE: August 12, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Sodickson, Daniel K.	Newton	MA	US

US-CL-CURRENT: 324/307; 324/309

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw D.
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	--------	-----	---------

☐ 11. Document ID: US 20040044280 A1

L32: Entry 11 of 41

File: PGPB

Mar 4, 2004

PGPUB-DOCUMENT-NUMBER: 20040044280  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20040044280 A1

TITLE: Methods & apparatus for magnetic resonance imaging

PUBLICATION-DATE: March 4, 2004

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Paley, Martyn	Keighly		GB
Lee, Kuan	Sheffield		GB

US-CL-CURRENT: 600/410

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw D
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	--------	-----	--------

☐ 12. Document ID: US 20040030238 A1

L32: Entry 12 of 41

File: PGPB

Feb 12, 2004

PGPUB-DOCUMENT-NUMBER: 20040030238

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040030238 A1

TITLE: Cavity resonator for MR systems

PUBLICATION-DATE: February 12, 2004

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Vaughan, John T.	Stillwater	MN	US

US-CL-CURRENT: 600/418; 324/318, 600/422

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw D
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	--------	-----	--------

☐ 13. Document ID: US 20040027125 A1

L32: Entry 13 of 41

File: PGPB

Feb 12, 2004

PGPUB-DOCUMENT-NUMBER: 20040027125

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040027125 A1

TITLE: SQUID detected NMR and MRI at ultralow fields

PUBLICATION-DATE: February 12, 2004

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Clarke, John	Berkeley	CA	US
McDermott, Robert	Louisville	CO	US
Pines, Alexander	Berkeley	CA	US
Trabesinger, Andreas Heinz	Zurich		CH

US-CL-CURRENT: 324/308; 324/318, 600/425, 600/451

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw D
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	--------	-----	--------

☐ 14. Document ID: US 20030216636 A1

L32: Entry 14 of 41

File: PGPB

Nov 20, 2003

PGPUB-DOCUMENT-NUMBER: 20030216636  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20030216636 A1

TITLE: Methods and apparatus for magnetic resonance imaging

PUBLICATION-DATE: November 20, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Paley, Martyn	West Yorkshire		GB
Lee, Kuan	South Yorkshire		GB

US-CL-CURRENT: 600/410

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw D
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	--------	-----	--------

☐ 15. Document ID: US 20030214301 A1

L32: Entry 15 of 41

File: PGPB

Nov 20, 2003

PGPUB-DOCUMENT-NUMBER: 20030214301  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20030214301 A1

TITLE: Method and apparatus for decoupling RFdetector arrays for magnetic resonance imaging

PUBLICATION-DATE: November 20, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Lee, Ray Fli	Clifton Park	NY	US

US-CL-CURRENT: 324/322; 324/309, 324/318

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw D
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	--------	-----	--------

☐ 16. Document ID: US 20030132750 A1

L32: Entry 16 of 41

File: PGPB

Jul 17, 2003

PGPUB-DOCUMENT-NUMBER: 20030132750  
PGPUB-FILING-TYPE: new



DOCUMENT-IDENTIFIER: US 20030132750 A1

TITLE: Parallel MR imaging with use of multi-coil made of plural element coils

PUBLICATION-DATE: July 17, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Machida, Yoshio	Tochigi-ken		JP
Hamamura, Yoshinori	Otawara-Shi		JP
Kassai, Yoshimori	Tochigi-Ken		JP
Okamoto, Kazuya	Saitama-Shi		JP
Soma, Kazuhiro	Otawara-Shi		JP

US-CL-CURRENT: 324/322; 324/318

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	WMC	Draw D
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	--------	-----	--------

☐ 17. Document ID: US 20030052677 A1

L32: Entry 17 of 41

File: PGPB

Mar 20, 2003

PGPUB-DOCUMENT-NUMBER: 20030052677

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030052677 A1

TITLE: Method and apparatus for high resolution ex-situ NMR spectroscopy

PUBLICATION-DATE: March 20, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Pines, Alexander	Berkeley	CA	US
Meriles, Carlos A.	El Cerrito	CA	US
Heise, Henrike	Goettingen	CA	DE
Sakellariou, Dimitrios	Oakland	CA	US
Moule, Adam	Berkeley		US

US-CL-CURRENT: 324/307; 324/309

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	WMC	Draw D
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	--------	-----	--------

☐ 18. Document ID: US 20020158632 A1

L32: Entry 18 of 41

File: PGPB

Oct 31, 2002

PGPUB-DOCUMENT-NUMBER: 20020158632

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020158632 A1

TITLE: Parallel magnetic resonance imaging techniques using radiofrequency coil arrays

PUBLICATION-DATE: October 31, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Sodickson MD Ph.D., Daniel K.	Cambridge	MA	US

US-CL-CURRENT: 324/307; 324/309, 324/318

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw D
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	--------	-----	--------

☐ 19. Document ID: US 7084629 B2

L32: Entry 19 of 41

File: USPT

Aug 1, 2006

US-PAT-NO: 7084629

DOCUMENT-IDENTIFIER: US 7084629 B2

TITLE: Parallel imaging compatible birdcage resonator

DATE-ISSUED: August 1, 2006

PRIOR-PUBLICATION:

DOC-ID	DATE
US 20050099179 A1	May 12, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Monski, Jr.; William J.	Sewickley	PA		US
Alradady; Fahad	Glenshaw	PA		US
Misic; George J.	Allison Park	PA		US

US-CL-CURRENT: 324/318; 324/322

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw D
------	-------	----------	-------	--------	----------------	------	-----------	--	--	--------	-----	--------

☐ 20. Document ID: US 7053610 B2

L32: Entry 20 of 41

File: USPT

May 30, 2006

US-PAT-NO: 7053610

DOCUMENT-IDENTIFIER: US 7053610 B2

TITLE: Squid detected NMR and MRI at ultralow fields

DATE-ISSUED: May 30, 2006

PRIOR-PUBLICATION:

http://jupiter2:9000/bin/gate.exe?f=TOC&state=fndbke.34&ref=32&dbname=PGPB,USPT,... 9/22/06

TITLE: Shielded TEM surface array for parallel imaging

DATE-ISSUED: March 21, 2006

PRIOR-PUBLICATION:

DOC-ID	DATE
US 20050231200 A1	October 20, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Tropp; James S.	Berkeley	CA		US
Sodickson; Daniel K.	Newton	MA		US
Ohliger; Michael A.	Cambridge	MA		US

US-CL-CURRENT: 324/318; 324/309

Full	Title	Station	Front	Review	Classification	Date	Reference			Claims	MM	Draw D
------	-------	---------	-------	--------	----------------	------	-----------	--	--	--------	----	--------

☐ 23. Document ID: US 6980001 B2

L32: Entry 23 of 41

File: USPT

Dec 27, 2005

US-PAT-NO: 6980001

DOCUMENT-IDENTIFIER: US 6980001 B2

TITLE: Methods & apparatus for magnetic resonance imaging

DATE-ISSUED: December 27, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Paley; Martyn	Keighly			GB
Lee; Kuan	Sheffield			GB

US-CL-CURRENT: 324/318; 324/322

Full	Title	Station	Front	Review	Classification	Date	Reference			Claims	MM	Draw D
------	-------	---------	-------	--------	----------------	------	-----------	--	--	--------	----	--------

☐ 24. Document ID: US 6965232 B2

L32: Entry 24 of 41

File: USPT

Nov 15, 2005

US-PAT-NO: 6965232

DOCUMENT-IDENTIFIER: US 6965232 B2

TITLE: Parallel magnetic resonance imaging techniques using radiofrequency coil arrays

DATE-ISSUED: November 15, 2005

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Sodickson; Daniel K.	Newton	MA		

US-CL-CURRENT: 324/307; 324/309, 324/318, 600/410

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw D.
------	-------	----------	-------	--------	----------------	------	-----------	--	--	--------	-----	---------

☐ 25. Document ID: US 6885192 B2

L32: Entry 25 of 41

File: USPT

Apr 26, 2005

US-PAT-NO: 6885192

DOCUMENT-IDENTIFIER: US 6885192 B2

TITLE: SQUID detected NMR and MRI at ultralow fields

DATE-ISSUED: April 26, 2005

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Clarke; John	Berkeley	CA		
McDermott; Robert	Louisville	CO		
Pines; Alexander	Berkeley	CA		
Trabesinger; Andreas Heinz	Zurich			CH

US-CL-CURRENT: 324/300; 324/306, 600/421

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw D.
------	-------	----------	-------	--------	----------------	------	-----------	--	--	--------	-----	---------

☐ 26. Document ID: US 6771071 B1

L32: Entry 26 of 41

File: USPT

Aug 3, 2004

US-PAT-NO: 6771071

DOCUMENT-IDENTIFIER: US 6771071 B1

TITLE: Magnetic resonance imaging using a reduced number of echo acquisitions

DATE-ISSUED: August 3, 2004

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Wright; Steven M.	College Station	TX		
Brown; David Gerald	College Station	TX		
McDougall; Mary Preston	College Station	TX		

US-CL-CURRENT: 324/318; 324/322, 600/421

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	MM	Drawings
------	-------	----------	-------	--------	----------------	------	-----------	--	--	--------	----	----------

☐ 27. Document ID: US 6727703 B2

L32: Entry 27 of 41

File: USPT

Apr 27, 2004

US-PAT-NO: 6727703

DOCUMENT-IDENTIFIER: US 6727703 B2

TITLE: Method and apparatus for decoupling RF detector arrays for magnetic resonance imaging

DATE-ISSUED: April 27, 2004

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Lee; Ray Fli	Clifton Park	NY		

US-CL-CURRENT: 324/322; 324/319

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	MM	Drawings
------	-------	----------	-------	--------	----------------	------	-----------	--	--	--------	----	----------

☐ 28. Document ID: US 6717406 B2

L32: Entry 28 of 41

File: USPT

Apr 6, 2004

US-PAT-NO: 6717406

DOCUMENT-IDENTIFIER: US 6717406 B2

TITLE: Parallel magnetic resonance imaging techniques using radiofrequency coil arrays

DATE-ISSUED: April 6, 2004

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Sodickson; Daniel K.	Newton	MA		

US-CL-CURRENT: 324/307; 324/309, 324/318

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	MM	Drawings
------	-------	----------	-------	--------	----------------	------	-----------	--	--	--------	----	----------

☐ 29. Document ID: US 6674282 B2

L32: Entry 29 of 41

File: USPT

Jan 6, 2004

US-PAT-NO: 6674282

DOCUMENT-IDENTIFIER: US 6674282 B2

TITLE: Method and apparatus for high resolution ex-situ NMR spectroscopy

DATE-ISSUED: January 6, 2004

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Pines; Alexander	Berkeley	CA		
Meriles; Carlos A.	El Cerrito	CA		
Heise; Henrike	Goettingen			DE
Sakellariou; Dimitrios	Oakland	CA		
Moule; Adam	Berkeley	CA		

US-CL-CURRENT: 324/307; 324/309

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	MMC	Draw D.
------	-------	----------	-------	--------	----------------	------	-----------	--	--	--------	-----	---------

☐ 30. Document ID: US 6573720 B1

L32: Entry 30 of 41

File: USPT

Jun 3, 2003

US-PAT-NO: 6573720

DOCUMENT-IDENTIFIER: US 6573720 B1

TITLE: Resonant structure for spatial and spectral-spatial imaging of free radical spin probes using radiofrequency time domain electron paramagnetic resonance spectroscopy

DATE-ISSUED: June 3, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Devasahayam; Nallathamby	Rockville	MD		
Mitchell; James B.	Damascus	MD		
Russo; Angelo	Bethesda	MD		
Cook; John	New Market	MD		
Afeworki; Mobae	Silver Spring	MD		
Tschudin; Rolf G.	Kensington	MD		
Subramanian; Sankaran	Rockville	MD		
Murugesan; Ramachandran	Rockville	MD		
Harrington; Frank S.	Catonsville	MD		
Cherukuri; Murali K.	Gaithersburg	MD		

US-CL-CURRENT: 324/316; 324/318

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	MMC	Draw D.
------	-------	----------	-------	--------	----------------	------	-----------	--	--	--------	-----	---------

☐ 31. Document ID: US 6429656 B2

L32: Entry 31 of 41

File: USPT

Aug 6, 2002

US-PAT-NO: 6429656

DOCUMENT-IDENTIFIER: US 6429656 B2

TITLE: Polarizing antenna for a magnetic resonance apparatus

DATE-ISSUED: August 6, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Domalski; Stefan	Nuernberg-Maxfeld			DE

US-CL-CURRENT: 324/318; 324/322

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	WMC	Draw D.
------	-------	----------	-------	--------	----------------	------	-----------	--	--	--------	-----	---------

☐ 32. Document ID: US 6229310 B1

L32: Entry 32 of 41

File: USPT

May 8, 2001

US-PAT-NO: 6229310

DOCUMENT-IDENTIFIER: US 6229310 B1

**\*\* See image for Certificate of Correction \*\***TITLE: Magnetic resonance imaging excitation and reception methods and apparatus

DATE-ISSUED: May 8, 2001

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Green; Charles	Holbrook	NY		
Votruba; Jan	Ridge	NY		
Eydelman; Gregory	West Hempstead	NY		
Damadian; Raymond V.	Woodbury	NY		

US-CL-CURRENT: 324/318; 324/322

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	WMC	Draw D.
------	-------	----------	-------	--------	----------------	------	-----------	--	--	--------	-----	---------

☐ 33. Document ID: US 5939883 A

L32: Entry 33 of 41

File: USPT

Aug 17, 1999

US-PAT-NO: 5939883

DOCUMENT-IDENTIFIER: US 5939883 A

**\*\* See image for Certificate of Correction \*\***TITLE: Magnetic resonance imaging excitation and reception methods and apparatus

DATE-ISSUED: August 17, 1999

## INVENTOR-INFORMATION:



NAME	CITY	STATE	ZIP CODE	COUNTRY
Green; Charles	Holbrook	NY		
Votruba; Jan	Ridge	NY		
Eydelman; Gregory	West Hempstead	NY		
Damadian; Raymond V.	Woodbury	NY		

US-CL-CURRENT: 324/322; 324/318

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KMC	Draw D
------	-------	----------	-------	--------	----------------	------	-----------	--------	-----	--------

☐ 34. Document ID: US 5786692 A

L32: Entry 34 of 41

File: USPT

Jul 28, 1998

US-PAT-NO: 5786692

DOCUMENT-IDENTIFIER: US 5786692 A

TITLE: Line scan diffusion imaging

DATE-ISSUED: July 28, 1998

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Maier; Stephan E.	Brookline	MA		
Gudbjartsson; Hakon	Brookline	MA		

US-CL-CURRENT: 324/307; 324/309

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KMC	Draw D
------	-------	----------	-------	--------	----------------	------	-----------	--------	-----	--------

☐ 35. Document ID: US 5646530 A

L32: Entry 35 of 41

File: USPT

Jul 8, 1997

US-PAT-NO: 5646530

DOCUMENT-IDENTIFIER: US 5646530 A

**\*\* See image for Certificate of Correction \*\***TITLE: Surface coil for high resolution imaging using a magnetic resonance imaging apparatus

DATE-ISSUED: July 8, 1997

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Strenk; Susan A.	Aurora	OH		
Strenk; Lawrence M.	Aurora	OH		

US-CL-CURRENT: 324/318; 324/322

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw D.
------	-------	----------	-------	--------	----------------	------	-----------	--	--	--------	------	---------

☐ 36. Document ID: US 5445153 A

L32: Entry 36 of 41

File: USPT

Aug 29, 1995

US-PAT-NO: 5445153

DOCUMENT-IDENTIFIER: US 5445153 A

TITLE: Orthogonal RF coil for MRI apparatus

DATE-ISSUED: August 29, 1995

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Sugie; Masami	Kusatsu			JP
Asako; Hirofumi	Kyoto			JP

US-CL-CURRENT: 600/422; 324/318, 324/322

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw D.
------	-------	----------	-------	--------	----------------	------	-----------	--	--	--------	------	---------

☐ 37. Document ID: US 5284144 A

L32: Entry 37 of 41

File: USPT

Feb 8, 1994

US-PAT-NO: 5284144

DOCUMENT-IDENTIFIER: US 5284144 A

TITLE: Apparatus for hyperthermia treatment of cancer

DATE-ISSUED: February 8, 1994

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Delannoy; Jose	Monsen Baroeul			FR
Le Bihan; Denis	Rockville	MD		
Chen; Ching-nien	Catonsville	MD		
Levin; Ronald L.	Olney	MD		
Turner; Robert	Bethesda	MD		

US-CL-CURRENT: 600/412; 324/315, 600/422, 607/154, 977/865, 977/911

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw D.
------	-------	----------	-------	--------	----------------	------	-----------	--	--	--------	------	---------

☐ 38. Document ID: US 5107216 A

L32: Entry 38 of 41

File: USPT

Apr 21, 1992

US-PAT-NO: 5107216  
DOCUMENT-IDENTIFIER: US 5107216 A

TITLE: Nuclear magnetic resonance imaging apparatus

DATE-ISSUED: April 21, 1992

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Yabusaki; Masao	Tokyo			JP
Yamamoto; Etsuji	Akishima			JP
Takeuchi; Hiroyuki	Kashiwa			JP
Kohno; Hideki	Tama			JP

US-CL-CURRENT: 324/318; 324/322

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	Draw	Draw D
------	-------	----------	-------	--------	----------------	------	-----------	--	--	--------	------	--------

☐ 39. Document ID: US 5079503 A

L32: Entry 39 of 41

File: USPT

Jan 7, 1992

US-PAT-NO: 5079503  
DOCUMENT-IDENTIFIER: US 5079503 A

TITLE: Magnetic resonance imaging apparatus and method for operating same

DATE-ISSUED: January 7, 1992

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Siebold; Horst	Erlangen			DE
Frie; Wolfgang	Erlangen			DE

US-CL-CURRENT: 324/309

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	Draw	Draw D
------	-------	----------	-------	--------	----------------	------	-----------	--	--	--------	------	--------

☐ 40. Document ID: US 4812761 A

L32: Entry 40 of 41

File: USPT

Mar 14, 1989

US-PAT-NO: 4812761  
DOCUMENT-IDENTIFIER: US 4812761 A

**\*\* See image for Certificate of Correction \*\***

TITLE: Electrically parallel equal phase resonant loops for nuclear magnetic resonance surface coils

DATE-ISSUED: March 14, 1989

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Vaughan, Jr.; J. Thomas	Dallas	TX		

US-CL-CURRENT: 324/307; 324/318

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw D.
------	-------	----------	-------	--------	----------------	------	-----------	--	--	--------	-----	---------

☐ 41. Document ID: US 3528000 A

L32: Entry 41 of 41

File: USOC

Sep 8, 1970

US-PAT-NO: 3528000

DOCUMENT-IDENTIFIER: US 3528000 A

TITLE: NUCLEAR RESONANCE WELL LOGGING METHOD AND APPARATUS

DATE-ISSUED: September 8, 1970

INVENTOR-NAME: SCHWEDE HAROLD F

US-CL-CURRENT: 324/303

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw D.
------	-------	----------	-------	--------	----------------	------	-----------	--	--	--------	-----	---------

Clear	Generate Collection	Print	Fwd Refs	Bkwd Refs	Generate OACS
-------	---------------------	-------	----------	-----------	---------------

Term	Documents
COMBINATION	3381779
COMBINATIONS	943751
COMPOSITE	789515
COMPOSITES	93699
ADD	1147513
ADDS	379447
ADDING	1596154
ADDINGS	41
ADDED	2827193
ADDEDS	9
SUM	628203
(L31 AND ((COMBIN\$4 OR COMBINATION OR COMPOSITE OR ADD OR ADDING OR ADDED OR SUM OR SUMMED OR SUMMING OR CONNECT\$4 OR LINK\$4 OR BRIDG\$3 OR JOIN\$4) SAME (IMAG\$4 OR CONDUCT\$4) ) ) .PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD.	41